

ABSTRACT OF THE DISCLOSURE

An image processing apparatus includes an index
computing unit that computes motion functional indices
of a particular organ from volume data of a subject
5 including the particular organ, a polar map generating
unit that generates a polar map by developing the
indices on a polar coordinate system, an image
generating unit that generates, from the volume data,
an image related to a structure of one of the
10 particular organ and a peripheral organ developed on
the polar coordinate system, a fusing unit that fuses
the image into the polar map, and a display unit that
displays a polar map fused with the image.